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APPROVED BY DRAFTSMAN
U.S. FIG. 1
CLASS SUBCLAS:
484 491

FIG. 1

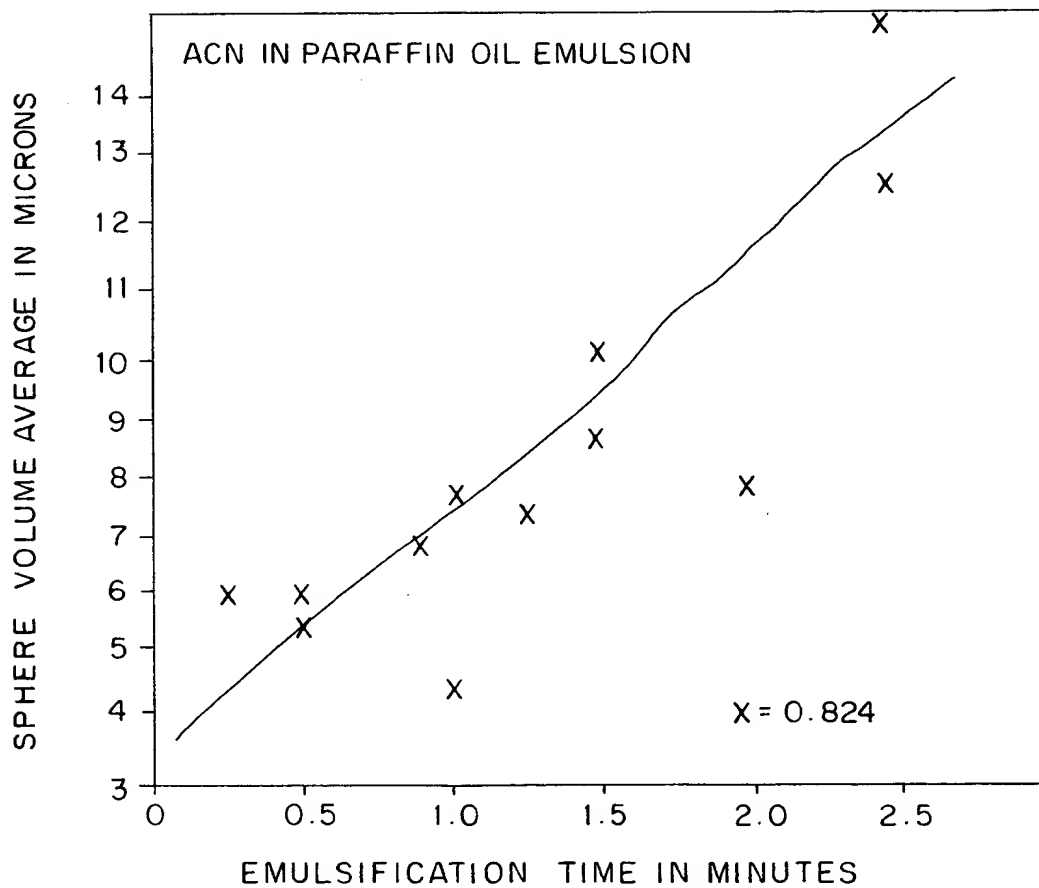


FIG. 2

VACCINE - SUCROSE
SOLUTION

LYOPHILIZE

SUSPEND IN 0.24g
ACN

1 g 50:50 PLGA
DISSOLVED IN 0.28g ACN

MIX

HOMOGENIZE 3" INTO 80g
PARAFFIN OIL

TRANSFER INTO 550g
HEPTANE

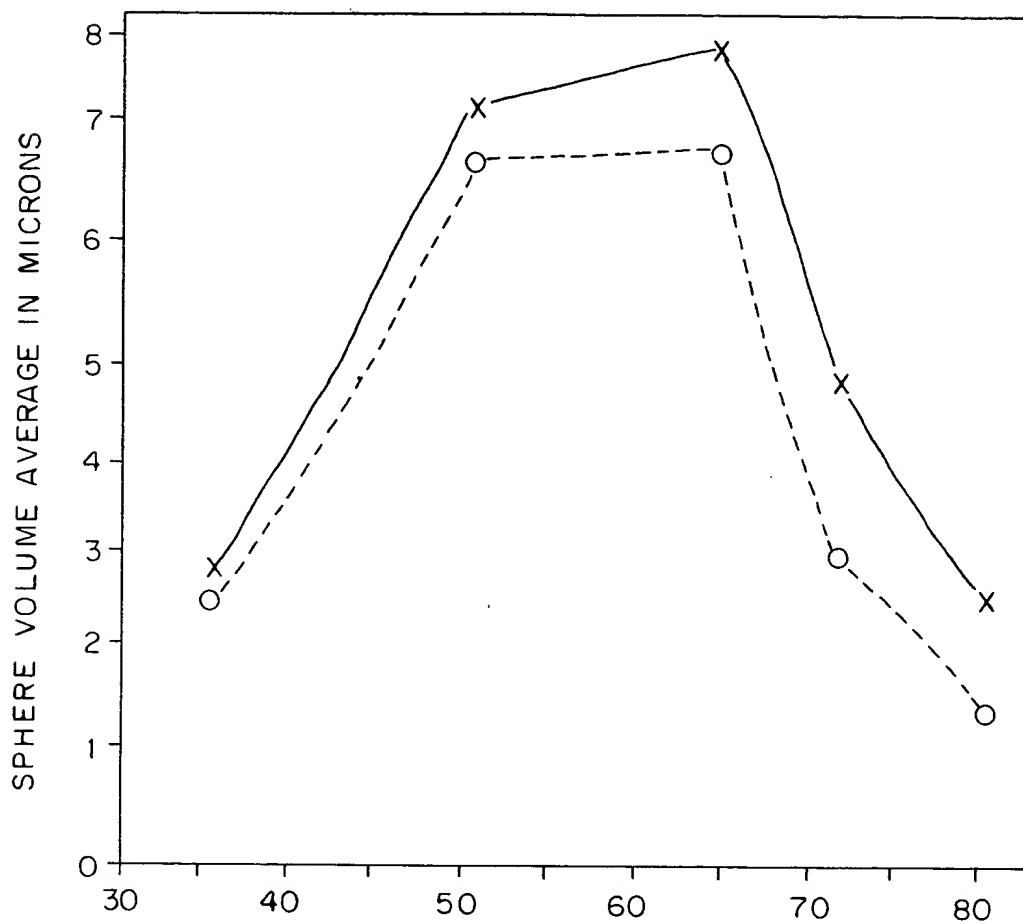
STIR FOR 30"

HARVEST BY CENTRIFUGATION. WASH
3X IN HEPTANE

DRY UNDER VACUUM

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FIG. 3



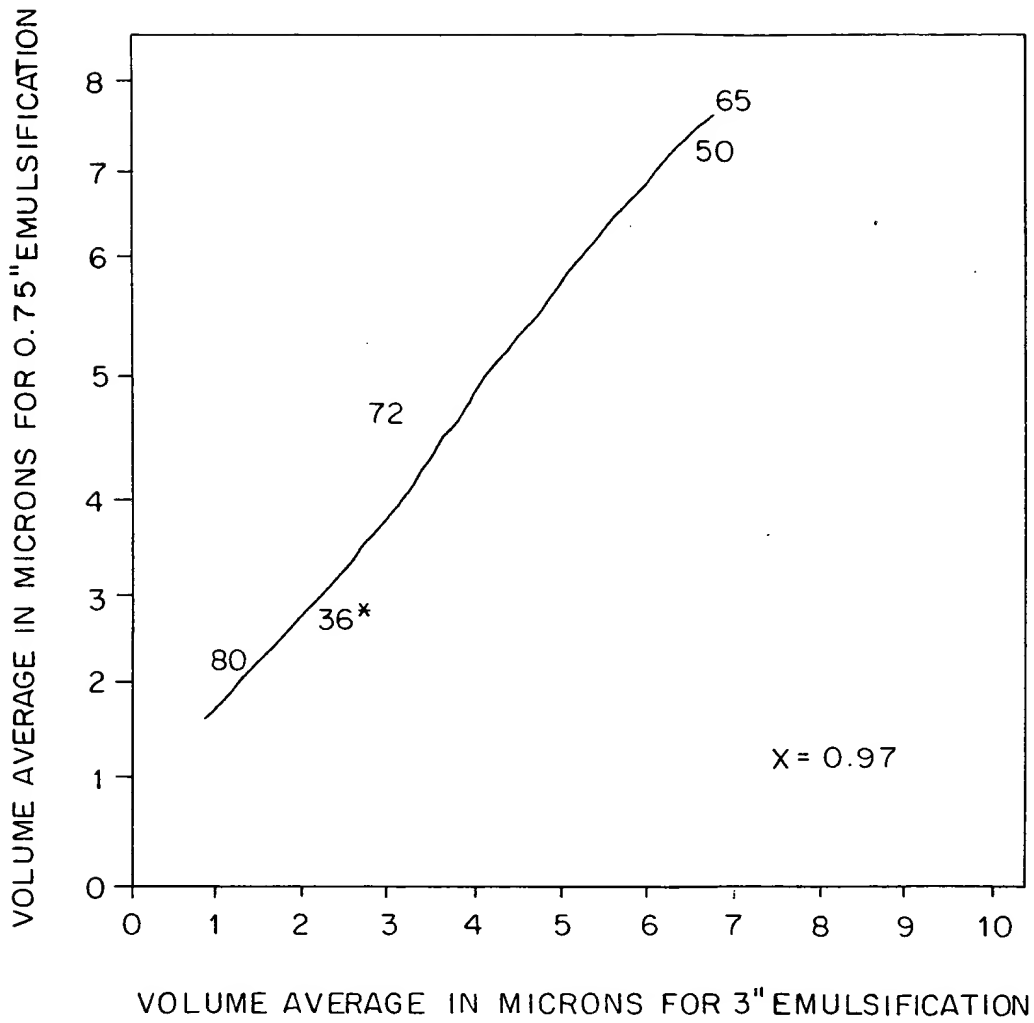
EMULSION OIL VISCOSITY IN CENTISTOKES @ 40°C

X—X - 0.75" EMULSIFICATION TIME

O--O - 3.0" EMULSIFICATION TIME

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FIG. 4



* - VISCOSITY ON OIL IN CENTISTOKES @ 40°C

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FIG. 5

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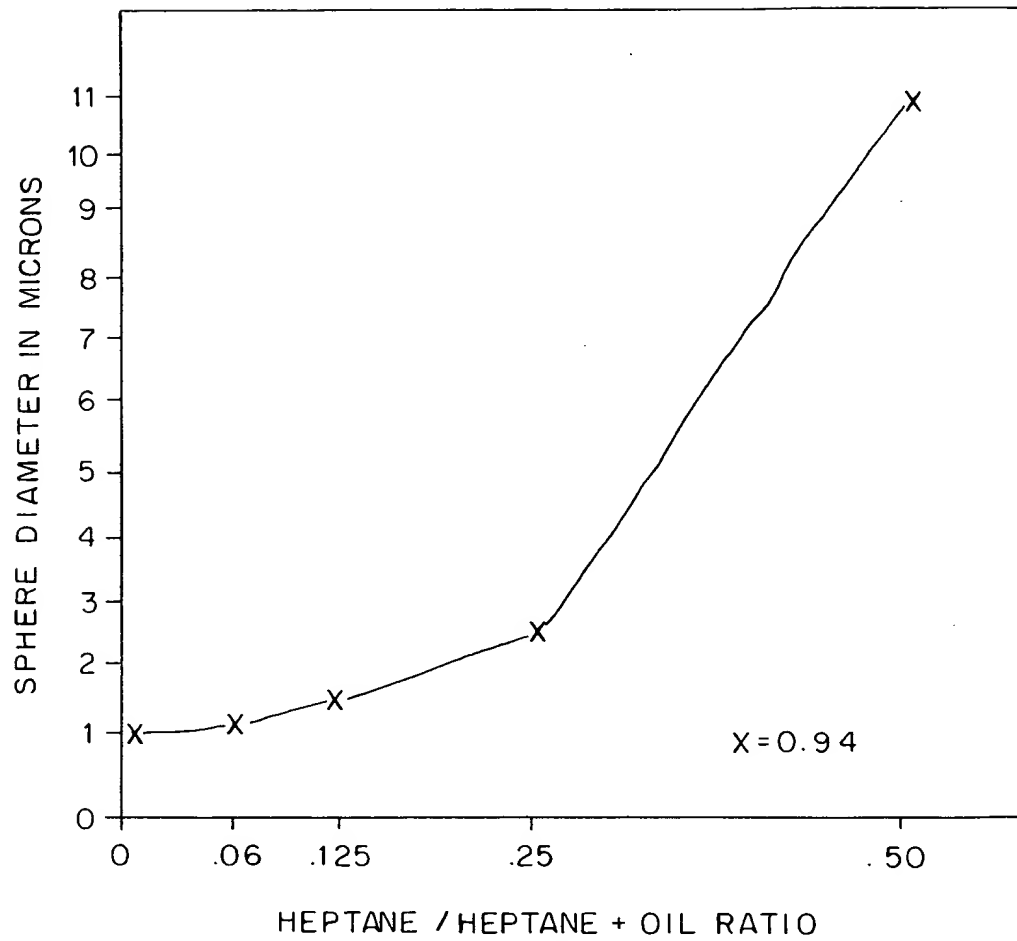
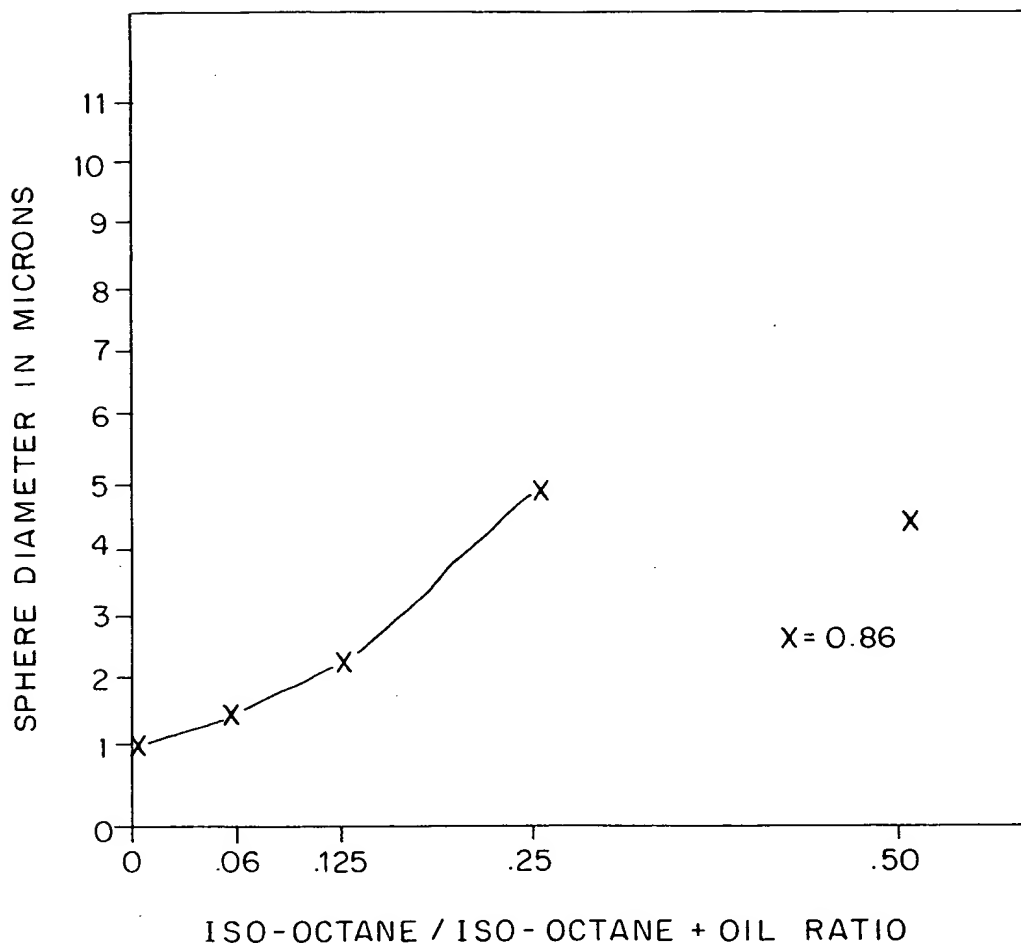


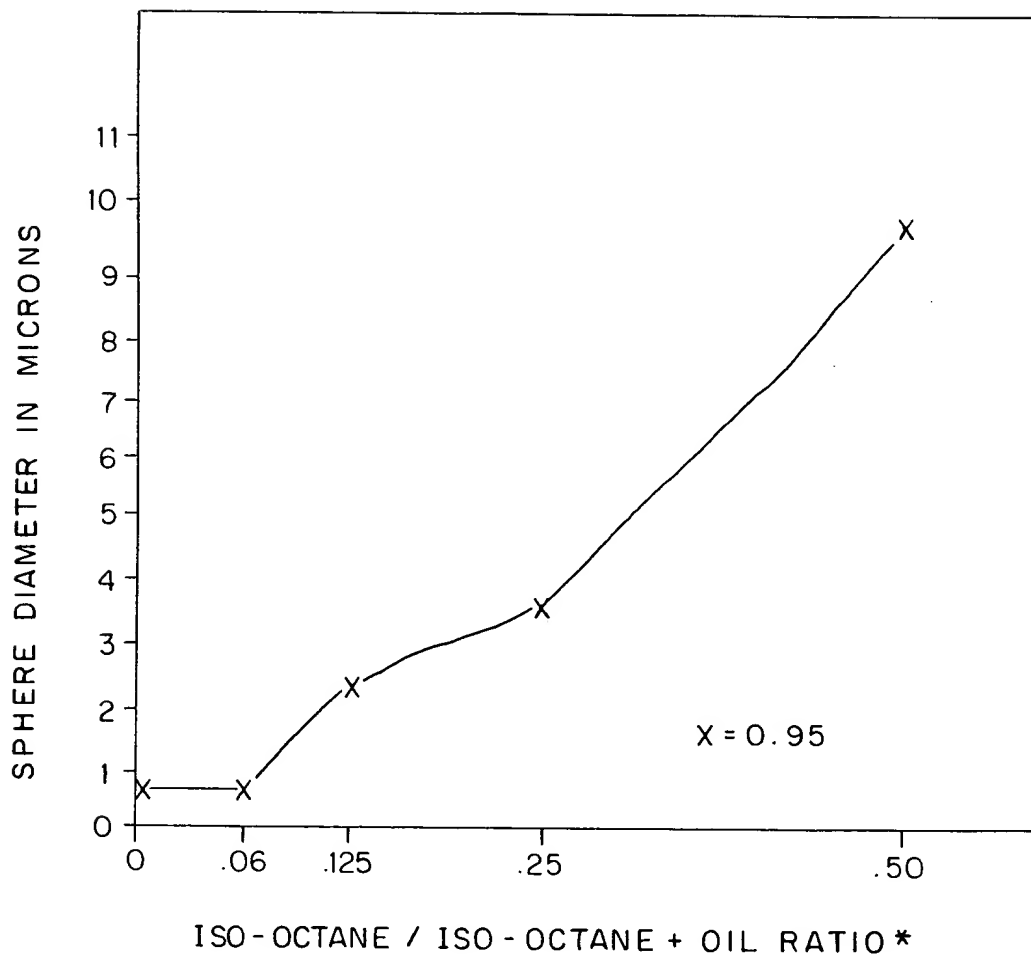
FIG. 6

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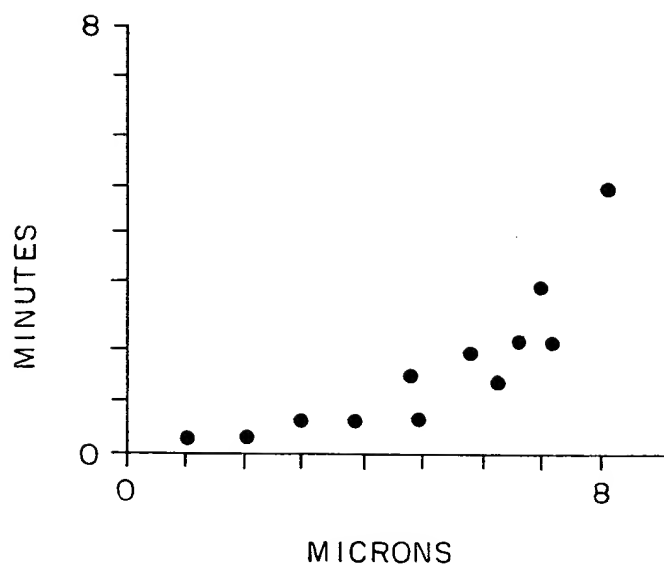
FIG.7



*ONE SECOND EMULSIFICATION WITHOUT AN EMULSION SCREEN

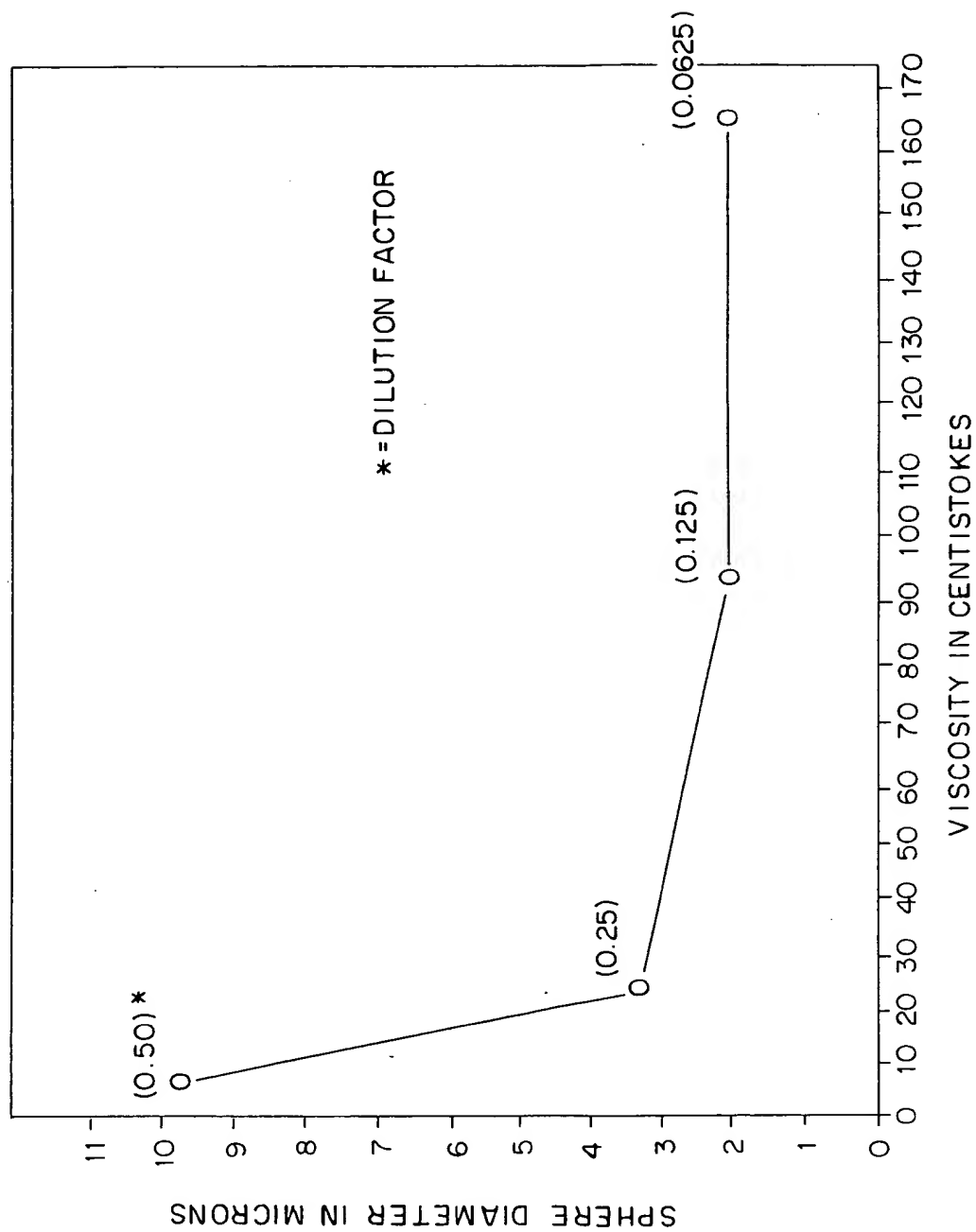
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FIG. 8



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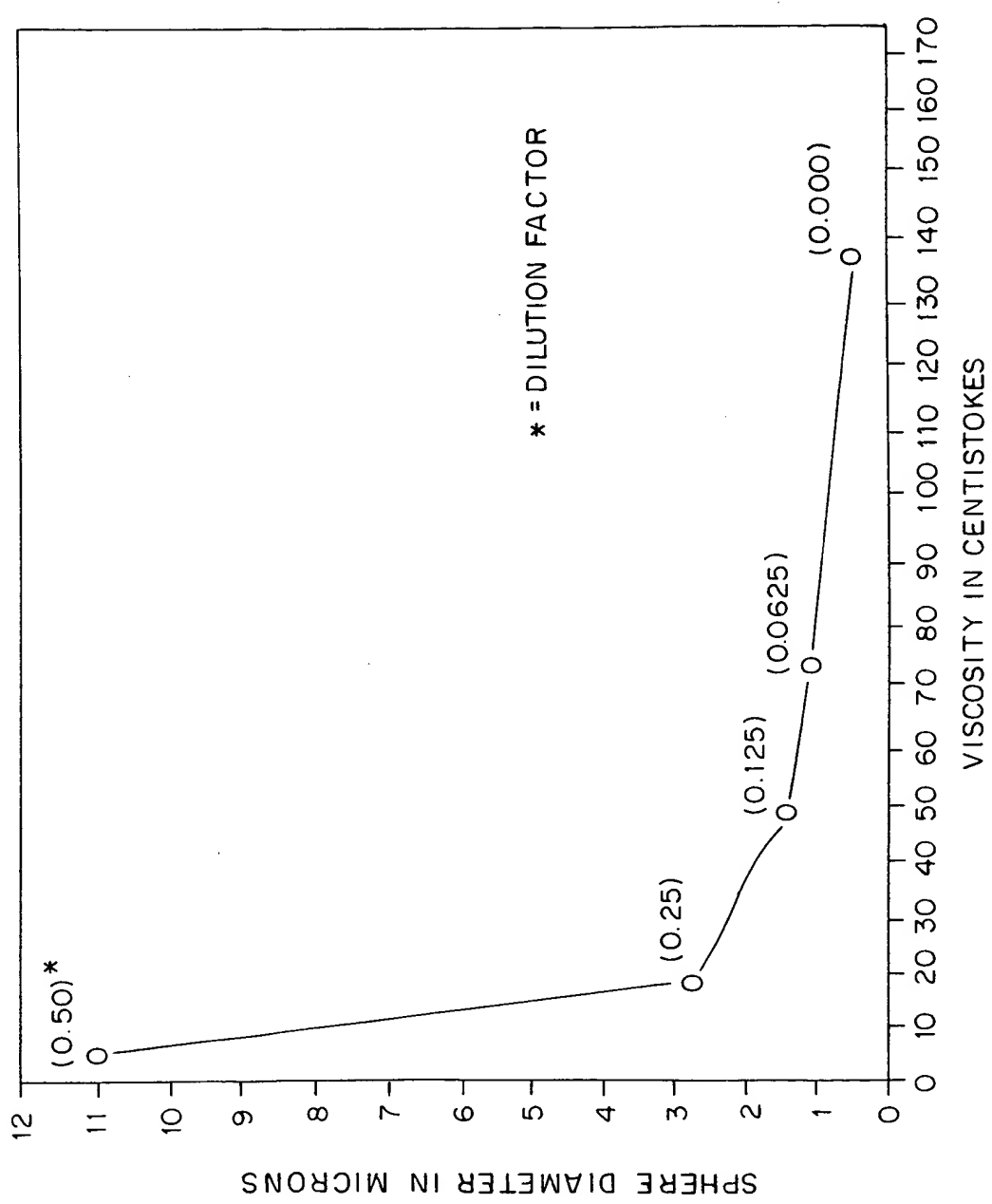
FIG. 9



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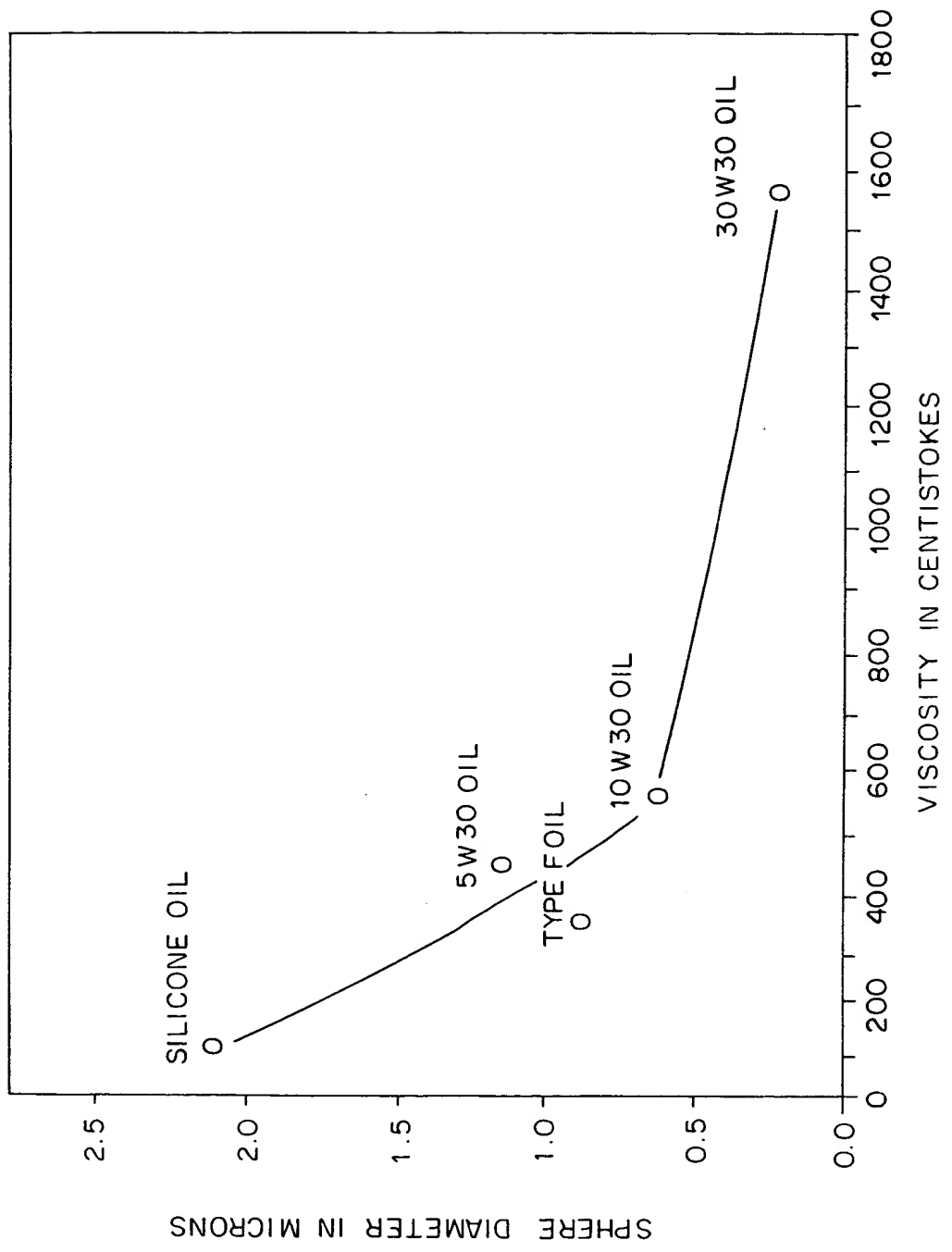
FIG. 10



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FIG.11



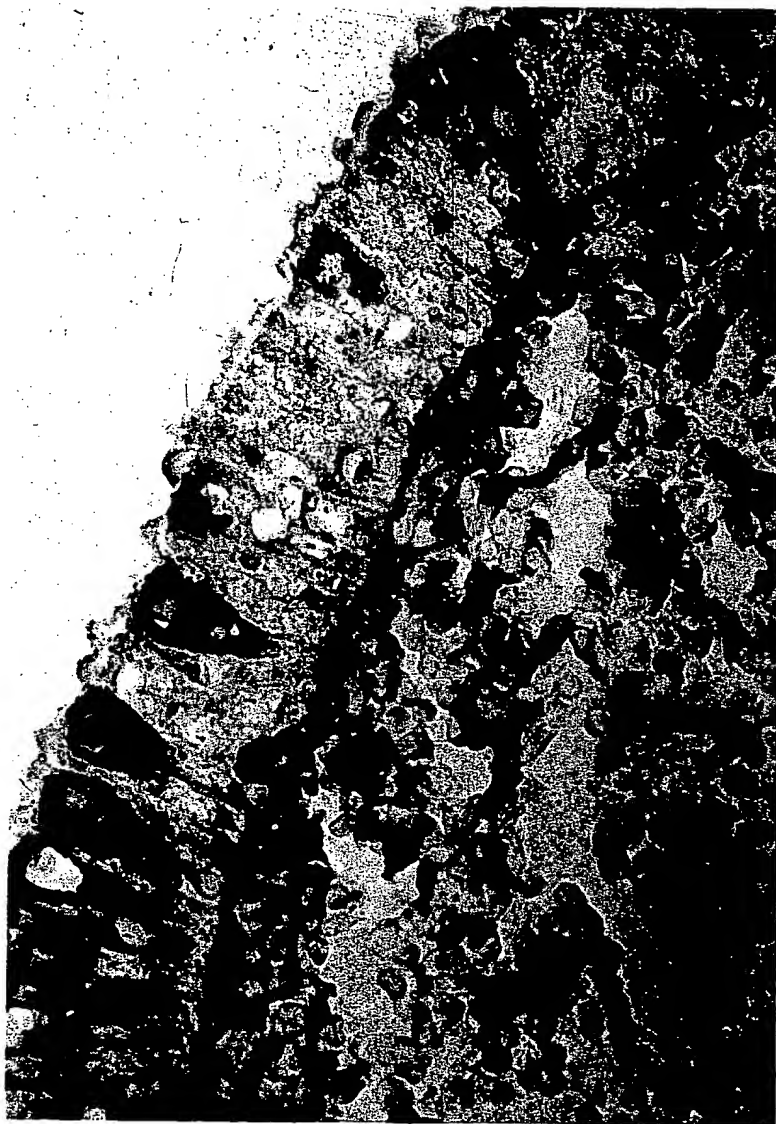
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FIG. 12



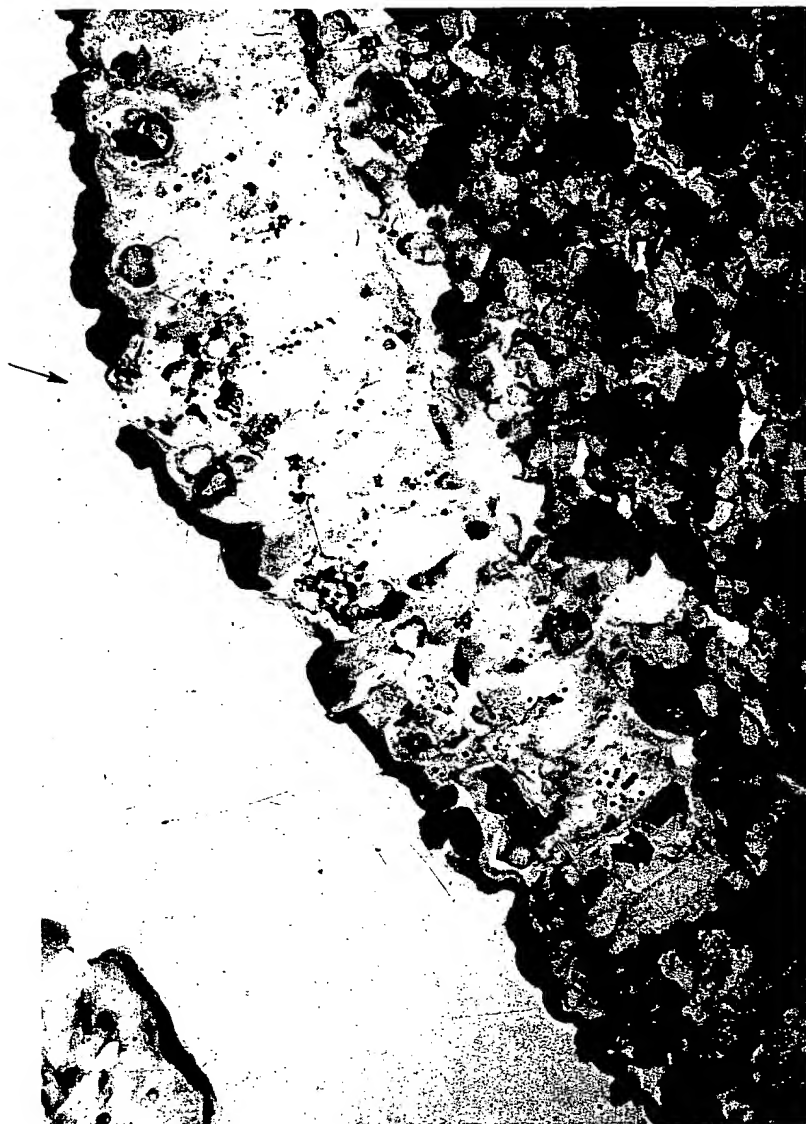
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FIG. 13



REF ID: A66112	U.S. FIG.	
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FIG. 14



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FIG. 15



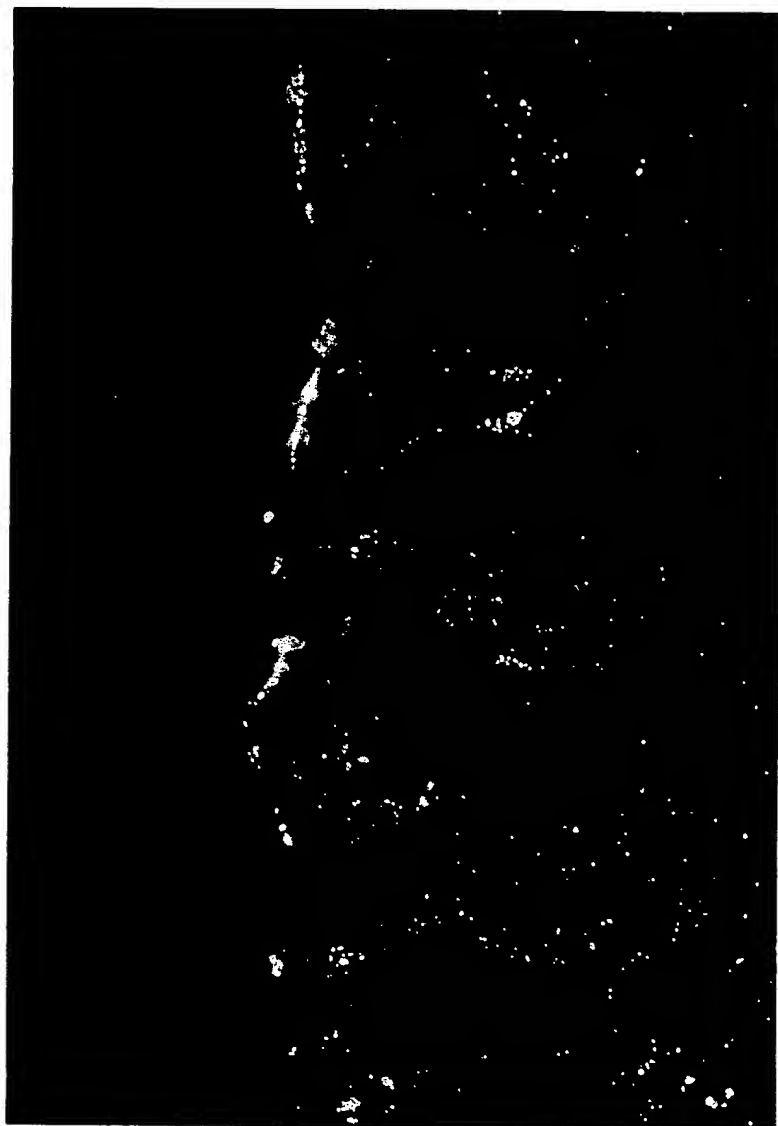
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FIG. 16



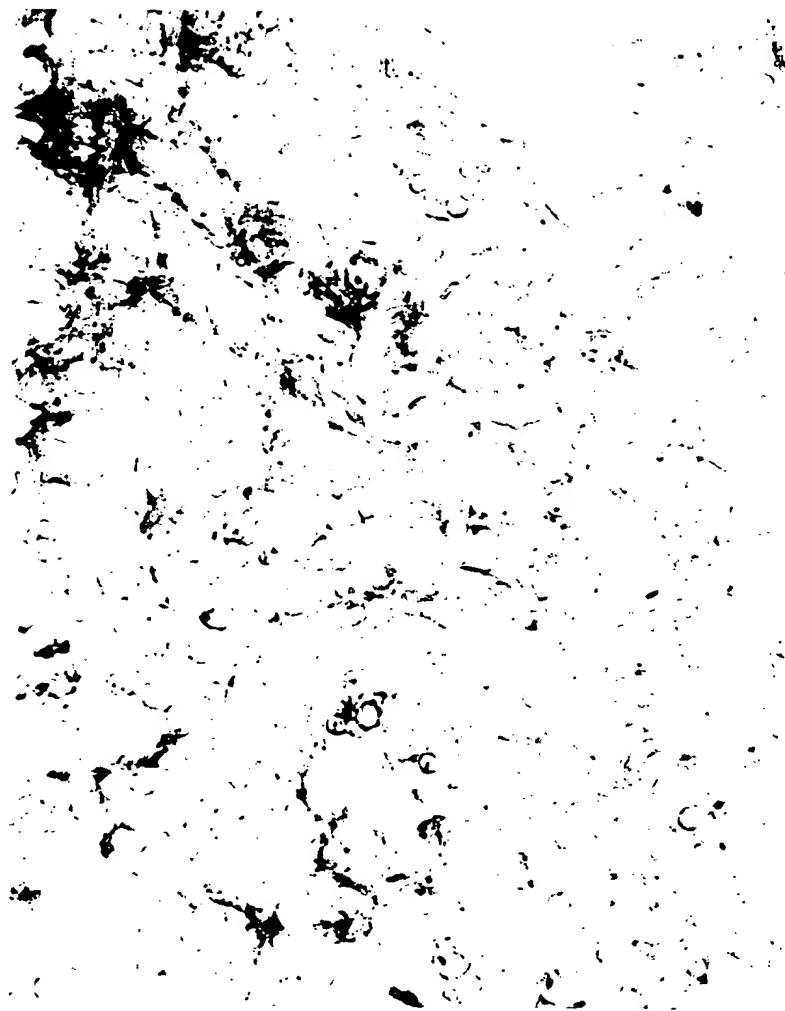
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FIG. 17



BY	U.S. FIG.	
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FIG. 18



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FIG. 19

